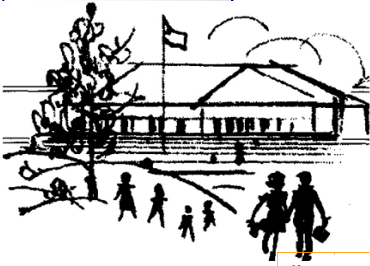


April 2019

Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 15, Issue 4

"Providing Quality Service and Support to Graham County Schools"

Please visit our website

www.graham.az.gov

Superintendent's Message

The warm weather of April means track meets, tennis matches, baseball, softball and lots of end-of-the-year performances and plays. Oh yes, and testing. Soon our schools will be plunging into annual testing. Our students will do well because they have dedicated teachers and parents who have spent all year showing the possibilities available to them. Good luck to everyone!

Even with spring break mixed in, we were still able to host several professional development opportunities with the Math 20/20 program. We finished up the Kindergarten and grade 7/8 content trainings, and we have begun planning for next year's trainings. I'm pleased to say we also completed the Healthy Families, Healthy Youth substance abuse programs for Pima Jr. High and Safford Middle School 7th graders. Graham County had the highest attendance of students and parents in the state. More importantly, the strategies to avoid substance abuse and addiction and interaction and support between student and parent was phenomenal. Administration, staff and students at these schools made the events so successful. Thanks to everyone who participated.

If you haven't preregistered for the 2019 Southeast Arizona Teachers' Academy, then do so ASAP! We are so excited about the breakout sessions we are able to offer this year. We have several returning presenters and several brand-new topics and sessions. You don't want to miss it! Information on how to register is located on the bottom of this page and inside the newsletter as well. Happy Spring!

Contact us!

Donna McGaughey,
Graham County School
Superintendent

921 Thatcher Blvd.
Safford, AZ 85546
928-428-2880
Fax: 928-428-8824
dmcgaughey@graham.az.gov

Nola Knight, Chief Deputy
nknight@graham.az.gov
928-428-2880

Mandi Moffett, Deputy clerk
mmoffett@graham.az.gov
928-428-2880

Hours: Monday—Thursday
7:00 a.m.—6:00 p.m.
Closed Fridays

Dates to Remember:

April 12—Safford Rotary Invitational Track Meet @ SHS

April 21—Easter

April 26—4-H, SEACUS, Search & Rescue, Boys & Girls Club "Making the Best Better" Auction at the Fairgrounds

Save Your Seat at SEATA! June 3-6, 2019

<https://www.graham.az.gov/222/SEATA-Registration>

Please plan on attending the
Southeast Arizona Teachers' Academy
"SEATA"

June 3-6, 2019 at Eastern Arizona College

All Graham and Greenlee County educators are invited to attend SEATA
at no cost

To meet the needs of our PreK-12 educators, we will have over 100 break-out sessions focusing on best practices across the curriculum.

Attendees will earn up to 24 hours of professional development credit.

SEATA is open to certified educators, early childhood education providers and pre-service educators who will be certified and contracted to teach by August 2019.

Some of the confirmed session topics include:

Math and Literacy for our Youngest Learners, Implementing Successful Problem Solving, Positioning Parents as Mathematics Educators, Go Paperless! Equat!O..., Early Childhood Everyday, ALiCE Training, Classroom Management, Web Tools, Creating Embedded Assessments, Faith Ringgold's Story Quilts, Make Your Classroom a Place Students Want to Be!, Google Classroom = Unlimited Possibilities, A Resilient Teacher – You Can Bounce!, Personalize Learning in Google with Read&Write, SEE and WWH SETS: Make Student Writing Visible, Math Mysteries Revealed, Measuring Brain Torque, Building Fraction Sense, Get Your Teach On, Relationships to the Rescue!, Get them Moving – Total Participation Techniques, Rigor in Action, Science Grab Bag and dozens more!

Keynote Speaker—Our own Patti Wren. You know her, you love her!

To preregister, go to: <https://www.graham.az.gov/222/SEATA-Registration>

Everyone attending should complete this process. In mid-May, you will receive an email directing you to select the break-out sessions of your choice. Your schedule of sessions will be provided at SEATA check-in during the week of Monday June 3, 2019 in the Gerald Hoopes Activity Center at EAC.

Please preregister by April 5, 2019. After this date, SEATA will be opened up to other counties. *Out of Graham and Greenlee County fees are \$50 per day. (Payment details for out-of-county participants will be shared after registration.)

We will be offering sessions across the curriculum, including technology integration sessions for all subjects

SEATA is brought to you by Graham County School Superintendent Donna McGaughey and Greenlee County School Superintendent Tom Powers with generous support from the United Way of Graham and Greenlee Counties





Eastern Arizona College Skills Day—April 11, 2019

Students and Teachers!

You are invited to Eastern Arizona College's 43rd Annual Skills Day!

When: Thursday, April 11, 2019 Fliers and registration at: www.eac.edu/skillsday

Skills Day is for high school age students with some limitations on age and numbers who may enroll.

Deadline to register is Tuesday, April 4, 2019 at 4:00 p.m. Substitutions may be made after that.

Skills Day invites students to demonstrate their skills in a variety of contests and activities. This fun-filled morning is similar to FBLA or Skills USA except on a more personal scale—and the price is right. There is **no charge** to attend Skills Day. A continental breakfast and lunch are hosted by President Todd Haynie.

There are 45 contests and 16 activities in Administration of Justice, Art, Automotives, Biology, Business, CAD-Drafting, Chemistry, Computers, Emergency Medical Services, Graphic Design, Languages (French and Spanish), Small and Large Woodworking, and Welding.

- Of special note: There are four-semester scholarships for Spanish and for French valued at \$5,700 each. Native speakers encouraged to compete and you don't have to be in a class.
- Art contestants are also welcome regardless of whether you are formally enrolled in art in high school. We also have chalk art.
- New this year is the Media Communications Film Festival.
- Shakespeare in the Park should be a lot of fun and they are giving away gift cards.
- Home-schooled students are invited and encouraged to attend.
- The popular antique car show will be hosted by Brian Coppola and the EAC automotive department.
- Awards presented at the luncheon.

Skills day is funded in part through the Carl Perkins 2018-2019 grant. Although t-shirts have been given for quite a few years, different funding allocations kept us from giving away t-shirts this year. However, gift cards and various prizes will be given at certain activities.

Registration assistance offered through Barbara Gojkovich at 928-428-8425 or barbara.gojkovich@eac.edu. For other questions please contact gayrene.claridge@eac.edu.

Look what the good folks at E.A.S.I. have planned for you!



All teachers who teach STEM subjects are invited to join the Eastern Arizona Science Initiative, known as E.A.S.I. They have a wonderful slate of camps, professional development and meetings planned. This is the schedule, subject to slight changes, but use this to plan ahead.

Please let your fellow teachers know about the wonderful opportunities gained by joining E.A.S.I.! It's easy!

2019 EASI Camps and Events Calendar:

Monthly Meetings – DPC Ranch House 4:00 p.m.—5:00 p.m. *(generally the second Wednesday of each month)*

Wed. April 10, 2019

Wed. Sept. 11, 2019

Dec. 11, 2019

Wed. Aug. 14, 2019

Wed. Oct. 9, 2019

Special Events/Activities:

EASI 5th & 6th grade Saturday Science Camp

Saturday—April 20, 2019

EASI Tonto Creek Camp

Tuesday— Friday, May 28-31, 2019

EASI High School Geology Camp

Monday—Thursday, June 17-20, 2019

EASI Summer Science Camp

Monday—Wednesday, June 24-26, 2019

Contact Jackie Madsen at Jackie.madsen@eac.edu

Or call the EAC Discovery Park Campus at

928-428-6260



Ensuring readiness for the workforce begins decades earlier

In Arizona, as in most of the United States, businesses don't have enough workers with the skills that employers need. Nearly half the American workforce lacks the basic education and communication skills required to get a job and advance, according to a survey of chief executive officers in the US.

Many economists contend the solution starts in a child's early years. Recently, Art Rolnick, a nationally-recognized advocate for early childhood, was in Arizona to share with legislators and others that the best target for public investment is to invest in children birth to age 5.

Rolnick, who is an economist and a senior fellow at the Humphrey School of Public Affairs at the University of Minnesota, pointed to studies that show early childhood investments have up to an 18 percent return on investment.

"We want policy makers to think of early childhood as economic development," Rolnick said. "It's the best public investment we can make."

Research from the American Enterprise Institute shows that today's employers struggle to find workers with the right set of skills for today's workplace – skills that go beyond the technical or job-specific and include quality workplace interactions like teamwork, communication, problem-solving and follow-through on commitments.

These so-called "soft skills" are sorely missing, according to business leaders and a recent report cites that many employers consider those "soft skills" among the highest priority for job candidates. Additional studies show that they will become increasingly important for the jobs of the future. Those skills start to develop at birth and are taught, promoted and strengthened through quality child care.

First Things First is doing its part to help Arizona's young kids be ready for success in kindergarten and beyond by supporting high quality early childhood experiences.

Research shows that 90 percent of a child's brain develops before age 5. Critical skills like motivation, self-discipline, focus and self-esteem begin to take root from birth. Ensuring that children have high-quality experiences during these critical early years has tremendous impact on kids *and* their communities.

Children who are prepared for kindergarten are more likely to do well in school and graduate from high school. As adults, they tend to be healthier and earn more. They also are less likely to become part of the criminal justice system or the welfare system. It is crucial young kids receive support from family and their community, so whether you have a child 5 and younger in your life or not – investing time, energy and resources in helping kids arrive at kindergarten prepared to be successful is smart.

Science Happens Here!

Local First Arizona, Freeport-McMoRan, the Arizona Rural Development Council, the Arizona SciTech Festival and the Graham County School Office are presenting **Science Happens Here** to advance STEM education in our community. Parents are encouraged to take their students to local businesses to collect trading cards. The cards, shown below, are designed to engage students with the science connected to the business. The students can learn more about STEM by gaining access to simple experiments found online using the website and code found on each card.

Participating Businesses

- Ginavieves
- Lee Rite Way
- Cottage B&B and Bakery
- Sun Pump
- Taylor Freeze
- CMI Quick Copy
- Abacus Solutions Products:
- Holladays Photo Emporium
- Curtis Landscaping & Irrigation
- Smith & Taylor Automotive Inc
- Kempton Chevrolet
- Richard's Music Co
- Crossfit Nemesis
- Indigo Mountain Wellness, Gifts & Toys
- Bowman Consulting
- A Step Back in Time
- Graham County Co-Op
- Hot Wheels Cyclery
- Carpet, Tile & More
- Graham County Florist
- Eastern Arizona Academy of Cosmetology
- Debbie's Crafts, Beads & Art Supplies
- Enchanted Boutique

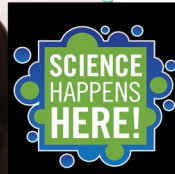


Mrs. Hall's Winning Class: 1st Semester 2018

Congratulations to Mrs. Kara Hall's Third Grade Class at Thatcher Elementary School!



CONTACT : Liza Noland | liza@localfirstaz.com | 602.956.0909 ext. 18



AND EVERYWHERE!
 COLLECT ALL THE CARDS
 FROM LOCAL BUSINESSES IN YOUR AREA.
 ENTER THE CODES TO ACCESS FUN
 EXPERIMENTS TO DO AT HOME!

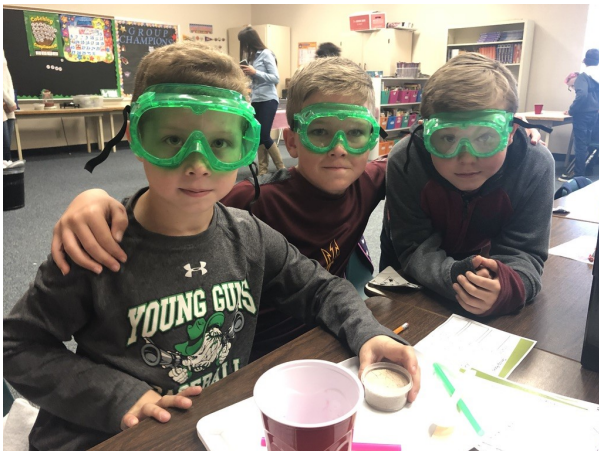
Science Happens Here Feb 6th - April 1st

Discover the breadth of STEM-related activities
 happening in your community.

Get involved!

Learn more at:
www.localfirstazfoundation.org/shh

Science Happens Here is funded by Freeport-McMoRan, sponsored by Local First Arizona and supported by Graham County businesses and the Graham County School Superintendent's Office.





- Increase employment opportunities
- We pay tuition and books
- Decrease college or technical cost

Gila Institute for Technology GIFT now registering for 2019-2020

Central Cohort Programs Offered

Cosmetology • Drafting • Health Care Professions •
• Licensed Nursing Assistant •
• Sports Medicine and Rehab Therapies • Welding

Individual Programs

Autos • Computers • Early Childhood Education •
• EMT • Engineering • Fab Lab Technician • Film &
Video Production • Graphic Design • Industrial Electrician • Law
Enforcement • Medical Assistant • Medical Lab Assistant •
• Pharmacy Technician

Check out our website and apply at www.gift-tech.org

For more information

Contact your high school CTE Career Tech or
High School Counselor
Or call 928-348-3393

Who is Eligible?

Serving 10th, 11th, and 12th grade students in Graham and Greenlee Counties.
Must meet the program entrance requirements.
Anyone under the age of 21 without a GED or high school diploma is eligible.

Graham County Substance Abuse Coalition presents

“High in Plain Sight”

High in Plain Sight:
[April 16, 8am - Noon](#)
@ EAC Lee Little Theater

The link to register is:

<https://www.eventbrite.com/e/high-in-plain-sight-substance-abuse-prevention-training-tickets-57627508429?aff=ebdshpsearchautocomplete>

This workshop is for law enforcement, probation officers, school teachers and administration, treatment providers, counselors and parents. This session is unique, in that it provides over 120 visual aids for attendees to hold and become familiar with. In today's culture everything is person-specific and has different meanings to different individuals. For each person to help prevent youth and adult substance abuse, you MUST know what is going on in your community.

These new trends are very popular and it is important for all who are involved in prevention, education, treatment, parenting or enforcement to understand these sweeping changes in the drug culture.

This workshop covers alcohol and drug clothing, alcoholic energy drinks, alcopops, alcohol and drug concealment methods and containers, drug paraphernalia, drug related music and groups, logos, stickers, new technology, youth party tendencies, party games, non-traditional alcohol beverages, social networking sites, synthetic drugs, OTC drug, inhalants, concentrates, E-cigarettes, and popular party drugs.

If you have questions, please email:

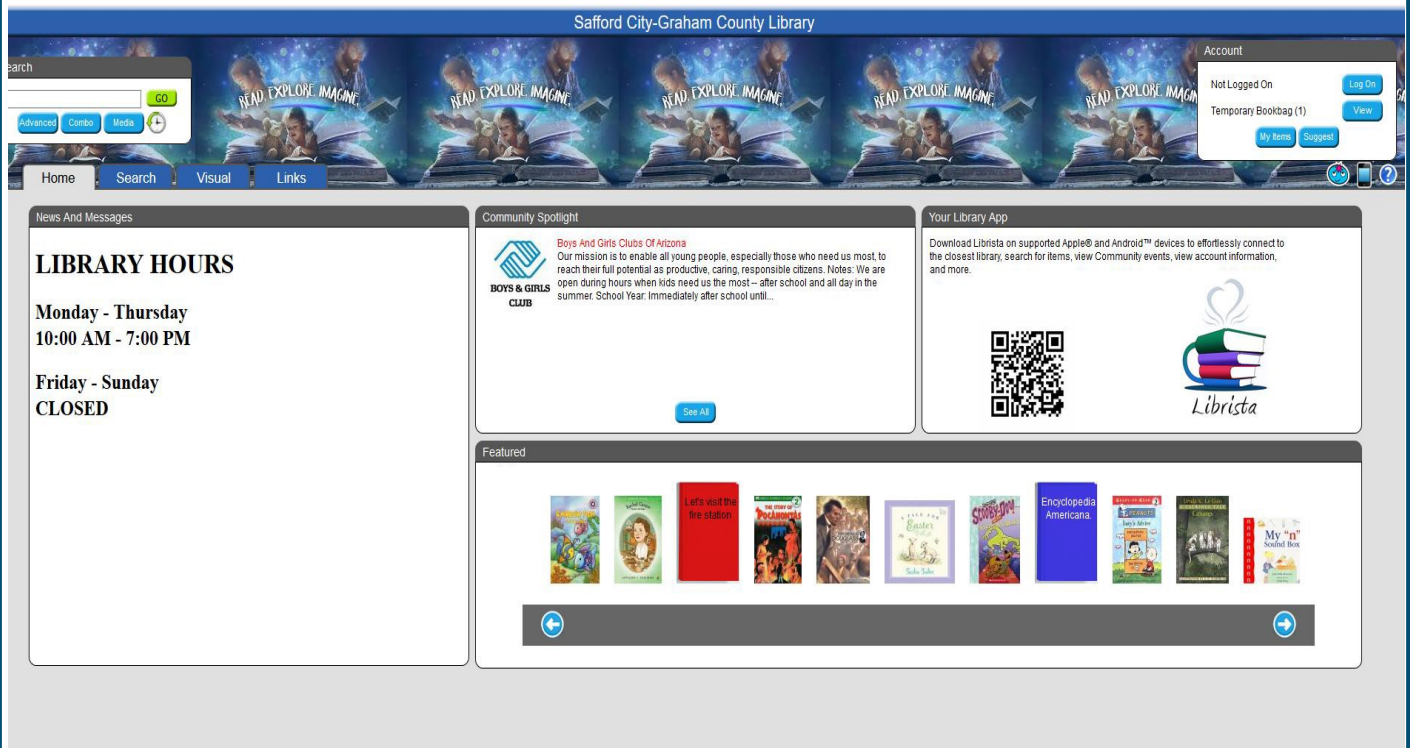
grahamsubstancecoaliton@gmail.com

WHAT'S NEW AT THE SAFFORD CITY—GRAHAM COUNTY LIBRARY!

Atrium from Book Systems

The Safford Library is excited to announce our new and improved library system. A whole new package of awesome features and a more visual, user-friendly layout, Atrium includes:

- ◇ Online registration for library cards.
- ◇ Online reservation and renewal of items.
- ◇ One-stop searching for books, DVDs, audiobooks and eBooks.
- ◇ In-depth info on books, including cover images, table of contents, author notes, summaries and publisher reviews.
- ◇ Patron-friendly browsing. Search by your interests, recent additions, award winners and type of material (including DVDs and eBooks).
- ◇ Adding of items to your personal Bookbag to remember for future checkout.
- ◇ Community Spotlight on upcoming library events.





The Safford City-Graham County Library offers amazing resources for teachers and students at no cost!

Library Cards Residents of Graham and Greenlee county are eligible for a free library card. Children under 18 must have a parent's or legal guardian's permission to get a library card.

Library Tours and ScienceCity Field Trips Library tours are available for classes with at least 2 weeks' notice. For more information, write to Victoria Silva at vsilva@saffordaz.gov. A limited number of hands-on ScienceCity field trips are available to K-6th classes visiting the library. For more information, write to Lesley Talley at ltalley@saffordaz.gov.

Online Tutoring Live, online tutoring for students in kindergarten through college is available daily from 2pm till midnight through Tutor.com on the library's website. Tutor.com is free to all students in Graham and Greenlee counties thanks to support from the Safford Library, the Greenlee County Library District and the United Way of Graham County.

Online Classes - Universal Class

Over 500 free online classes are available to library card holders. Courses include computer skills and teacher related courses for CEU credit. Remember, the classes are free **ONLY** if accessed through the library's website.

Language Learning - Mango Languages

User-friendly language learning is available for over 70 languages through Mango Languages. It includes 11 ESL options for those who are learning English. Remember, the classes are free **ONLY** if accessed through the library's website.

Academic Databases

Information-packed online databases from Gale and Britannica are available for elementary through high-school age children. With vetted information, no pop-up ads and clear citations, they offer a great research tool for students.

Tumblebooks, eBooks and downloadable audiobooks

Digital versions of many popular books for young children through teens are available through the library website. Tumblebooks targets younger children with colorful picture books and simple chapter books. Our eBook and downloadable audiobook collections include titles for tweens and teens.

Dolly Parton's Imagination Library

Thanks to funding from Arizona First Things First, all children in Graham and Greenlee counties are eligible to receive free books mailed to their home from birth until their 5th birthday. These high-quality books are theirs to keep and build their own home library.

Books, DVDs and Audiobooks

With approximately 45,000 items on the shelves, the library is sure to have something for you or your students. From picture books and children's audiobooks to nonfiction books and DVDs, we have great resources to support you in the classroom.

For more information or for a teacher tour/training, call 432-4165.

Feel Better with Student Loan Financial Planning

Your financial wellness matters to us!

We now offer the voluntary Loan Relief™ benefit from Fiducius, so you can take control of your student loans, put more money in your pocket and focus on what really matters to you.



New Low Payment & New House

"When I first got the email through my school district, I wondered, 'Why hasn't anyone told me about this before?' When I told them I was trying to buy a house, they even wrote a letter to my mortgage company helping them understand this program and how much I was saving. They're always on top of everything, and now I'm saving money on my monthly student loan payments and have a new house too!"

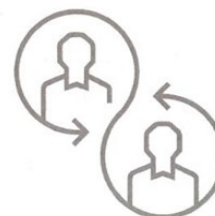
► David Wells Teacher



It's Easy to Get Started with Loan Relief™ Benefit

Let the student loan experts at Fiducius get to work for you:

- 1 **Assess** – learn about your personal financial situation and goals
- 2 **Advise** – identify the best option to solve your student loan issue
- 3 **Relieve** – provide a customized Student Loan Financial Wellness Plan



The custom plan is yours at no cost. Then, decide to hire Fiducius (fees apply), or pursue the plan on your own. It's up to you.



Visit <https://aacss-graham.myfiducius.com/register>

Register with code **GRAHAM** & learn how much you could save in a few minutes.

Rural Activation and Innovation Network



RAIN STEM

Grants are available for up to \$5,000.

STEM Grants!

Grants do not cover salaries, utilities or administrative costs, and must be an “extra-curricular”, weekend or summer event and not during the regular school day.

Attention Graham & Greenlee County Teachers and Community STEM Educators:

Do you have a GREAT idea for a sustainable STEM activity or event... but need help with funding? The Rural Activation and Innovation Network (RAIN) of Graham & Greenlee County can help!

Led by Arizona State University and Arizona Science Center, RAIN (Rural Activation and Innovation Network) is funded by the National Science Foundation to help rural communities in Arizona collaborate on developing locally relevant learning experiences in science, technology, engineering and math (STEM). While there are many people in rural areas working on this issue, RAIN aims to bring individuals and organizations together into networks that can share resources and knowledge for learning and outreach.

For more information, Grant Application and Scoring Rubric go to: 4azrain.org

[Hover over “Rural Innovation Councils” and Click on “Graham/Greenlee Counties”](#)

Please forward your grant awards and we will publish them in this newsletter.

United Way of Graham and Greenlee Counties

Education Grant Opportunities

Goal Statement:

The United Way of Graham & Greenlee counties recognizes that education 1) happens everywhere, 2) begins at birth and does not stop, and 3) is a collective community endeavor.

Objectives:

Improving school readiness for every child

The United Way will support activities that help prepare children from birth-to-4 years for successful entry into kindergarten.

Supporting efforts to ensure every student reads at grade level - especially by third grade

The United Way will support and collaborate with educators, agencies and partners who are working to address grade level reading for all grades.

Increasing student access to quality transitional programs

The United Way will support educators, entities and programs that address learning-loss or key transitional periods for students such as after school activities, summer programs and internship opportunities.

Supporting community and school district efforts with teacher retention and recruitment

The United Way will support school districts, businesses, governmental agencies and community development organizations to enhance teacher workforce recruitment and retention.

Providing direct support to teachers in the classroom by helping to cultivate innovative learning environments and approaches

The United Way will partner with schools and teachers to implement innovative approaches to help address 21st Century challenges.

Partnerships:

The United Way recognizes that community partnerships are essential to achieving these education objectives. Wherever possible, the United Way will seek to strengthen and broaden community partnerships for the purposes of leveraging resources, sharing of knowledge and expertise, and enhancing program impacts.

Apply Now!

Visit the United Way website at www.uwggc.com - Click on "How to Apply"

For assistance with your grant, contact Paulette LeBlanc

pleblanc@aznex.net



Prepare Your Students for Real-World STEM with Dig Into Mining

In today's global economy, STEM skills are critical to success. Help your students prepare for the future job market with [Dig Into Mining: The Story of Copper](#). Our varied classroom resources are designed to ignite a sense of curiosity and exploration in your 6th - 12th grade students, while teaching and testing standards-aligned topics in STEM.

EXPLORE NOW

With relevant examples from today's copper industry, Dig Into Mining's educator tools make it easy to connect classroom learning to real-world STEM applications. For example, students can:

[Investigate](#) the patterns of natural resources around the globe

[Explore](#) how copper is used in electronic and hybrid vehicles

[Utilize](#) proportional relationships to determine the economic feasibility of a mine site

[Research](#) how microorganisms are used in the wastewater treatment process

[Identify](#) the physical boundaries of a mine using satellite geoimages

... and much more!

Discover more classroom extensions and teacher resources [here](#).

Extend the learning further with our exclusive [Dig Into Mining Virtual Field Trips](#). Stream on demand to give your students a behind-the-scenes look at a working copper mine and hear from Freeport-McMoRan professionals as they guide you through the mining process from planning to reclamation.

Follow [@DiscoveryEd](#) on Twitter and join the conversation using #DigIntoMining.





2019 Economics Summer Teacher Institute
Financial Literacy - Learn It, Live It, Teach It
Monday, June 10 - Friday June 14, 2019
University of Arizona, Tucson

The Office of Economic Education offers an intensive week-long professional development institute for middle and high school teachers of Economics, Social Studies, Math, and CTE. This year's summer institute will focus on learning and teaching **Financial Literacy**.

The first part of the week will focus on understanding your own personal finances (including investment and retirement planning), in preparation for the second part of the week, which will focus on grade-appropriate classroom lessons aligned to the newly-approved Arizona History and Social Science Standards.

Participants who attend all program components (classes and one-on-one meetings with a personal financial advisor) will qualify for a \$500 contribution to a retirement savings account.

There is no fee for this program, but you must apply.

More Detail

Dates: Monday-Friday, June 10-14, 2019

Hours: Class meets from 8:00-2:30 each day. Full attendance is required.

PD Hours: Completing the five-day session earns a UA certificate for 30 professional development hours.

We provide: Instructors, classroom, all resources, breakfast, lunch, and covered parking.

Lodging: We have limited funds to assist with lodging for those who live outside Pima County.

THERE IS NO FEE FOR THIS PROGRAM, BUT YOU MUST APPLY.

DETAILS & APPLICATION

Workshop Location:

University of Arizona, Tucson

Further detail will be sent with admission literature

A program of the UA Office of Economic Education, in cooperation with and funding from TCI Foundation and the Thomas R. Brown Foundation.



THE UNIVERSITY OF ARIZONA
ELLER COLLEGE OF MANAGEMENT

Economic Education





Hey fourth graders! See America's natural wonders and historic sites for free.

Parents and guardians

Stay close to home, or travel somewhere new. This year's the perfect time for an unforgettable outing.

[Learn more](#)

Fourth graders

This is for you! Explore ancient dwellings. See a waterfall taller than a building.

[Get your pass](#)

Educators

Get passes, download our activity, or plan a life-changing field trip for your fourth-grade students. [More Info](#)

Every Kid in a Park

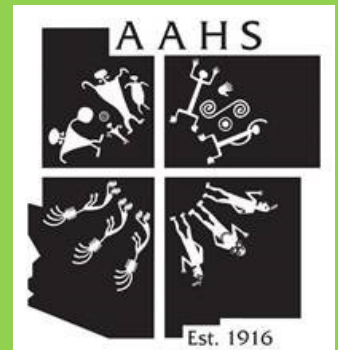
You and your family get free access to hundreds of parks, lands, and waters for an entire year. [How it works](#)



@everykidinapark

Arizona Archaeological and Historical Society

F. Lewis Orrell Jr. Bequest Curriculum Development Award



Offers grants on average of \$500 per teacher, for a maximum of \$5,000 awarded annually for curriculum enhancement related to the archaeology, history, or anthropology of the American Southwest. Proposals accepted from any public or public-charter elementary, middle, or high school located in Southern Arizona.

Awards will be granted on a competitive basis. These grants are available thanks to a generous bequest to AAHS from F. Lewis Orrell Jr.

How to apply:

- Funds may be requested for materials, supplies, textbooks, bus transportation, or other instructional materials.
- Funds can also be used for direct expenses (travel, enrollment costs) for K-12 teacher Continuing Education courses related to the archaeology, anthropology, or history of the southwestern United States.
- The proposal must clearly demonstrate that the money received will be sufficient to accomplish your project, either in entirety, or as matched with other funds.
- Include a detailed budget
- The written (non-budget) portion of the proposal should not be more than 2 pages (double spaced, 11 point font).



June 30, 2019 is the application deadline. Applications submitted via www.az-arch-and-hist.org. The form can be found on the dropdown menu under Grants. Questions: aahs1916@gmail.com

They did it! Congratulations to the following schools on their United Way of Graham and Greenlee Counties grant awards! Thank you United Way!

1. Thatcher Unified School District—Becoming a Fluent Reader \$4,487.83
2. Solomon Elementary School—Solomon Sound of Students \$15,000
3. Safford Middle School—WEB “Where Everybody Belongs” \$26,400
4. Safford High School—Industrial sinks for the art room\$6,938.76
5. Safford High School—Barbells for Bulldogs \$30,000
6. Morenci Unified School District—School Resource Office Start-up grant, \$93,703.00
7. Morenci Metcalf—Set the Stage to Engage: Metcalf’s New Mission \$7,696.00

The Volkswagen Environmental Mitigation Trust settlement is providing money for Arizona schools to purchase new diesel and alternative fuel buses. In Wave 5, Graham County was awarded two buses. The Bonita and Pima School Districts will be receiving buses due to new guidelines which include the age of the buses to be replaced, the number of miles of unimproved roads the cover on their routes, and overall need within the districts. In previous waves, Solomon and Fort Thomas were awarded buses. In those cases, the awards were based on need, but the criteria included their free and reduced lunch counts. Wave five took that requirement out, and only allowed the 13 rural counties (Pima and Maricopa were excluded) to apply.

STEM Field Trip Days

The Arizona Diamondbacks also host STEM Field Trip Days which allow students to engage in STEM-related activities throughout the ballpark.

STEM Field Trip Days have educational programming highlighted by the D-backs Science of Baseball Show that teaches the math and science behind baseball.

As an additional benefit, each student/teacher/chaperone in attendance will receive TWO TICKETS to attend a future Dbacks home game. Tickets will be mailed to your school after the field trip. For more information visit dbacks.com/education.

For more information about these programs, contact the Arizona Diamondbacks Community Affairs department at dbacksfoundation@dbacks.com.

Grant opportunities

Education Theatre Foundation—Linda P. Wise Grant for Theatre Educators

Amount: \$2,500 and up

Who may apply: Teachers in school theatre programs

Deadline: Open

Description: To fund programs to enhance productions and technical theatre capacity for performances at a middle or high school.

Link: <https://www.schooltheatre.org/programs/ags/grants>

NEA Foundation—Student Achievement Grants

Amount: \$2,000—\$5,000

Who may apply: Public school preK-12 teachers

Deadline: Open

Description: For programs designed to improve the academic achievement of students, for a plan that fosters critical thinking and problem solving in students and aims to expand their comprehension of various subjects; may be used for resource materials, supplies, equipment, transportation and technology.

Link: <https://www.neafoundation.org/for-educators/student-achievement-grants/>

Mazda Foundation—Mazda Foundation Education Grant

Amount: Amounts vary

Who may apply: Public, charter, private or home schools

Deadline: Open May 1, 2019—July 1, 2019

Description: Support for projects from children's organizations and educational scholarships to food banks, environmental programs, and crucial disaster relief efforts; for programs promoting education and literacy, environmental conservation, cross-cultural understanding, social welfare, and scientific research..

Link: <http://www.mazdafoundation.org/grant-guidelines/>

The Walmart Foundation— Community Grant Program

Amount: Up to \$5,000 each

Who may apply: Public or private schools, non-profit organizations

Deadline: Rolling basis through December 31, 2019

Description: For project in hunger relief and healthy eating, health and human services, quality of life, education, community and economic development, diversity and inclusion, public safety, and environmental sustainability.

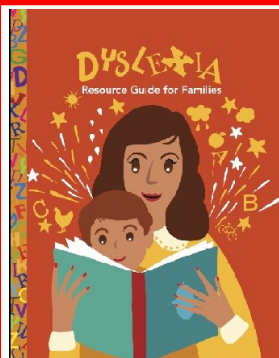
Link: <http://giving.walmart.com/walmart-foundation/community-grant-program>

From the Arizona Department of Health Services—Arizona's Youth Vape Campaign Launch

You can click on the bold [FactsOverFlavor.com](https://factsoverflavor.com) and the "a parent resource website" which will direct you to the sites.

Please feel free to go to the sites and view the campaign and the resources, as well as sharing the information with any partners or organizations that you feel might be interested in it.

<https://directorsblog.health.azdhs.gov/arizonas-youth-vape-campaign-launches/>



Dyslexia Resource Guide for Families Now Available!

Download and share the Dyslexia Resource Guide for Families, a new, parent-friendly resource for families with children 0-12 who want to learn more about dyslexia, what dyslexia might look like in their child and what they can do to support their child if they have dyslexia. [Download the free pdf here.](#)

Read On Arizona extends our sincere appreciation to The Burton Family Foundation for its generous support of the printing and outreach of the *Dyslexia Resource Guide for Families*.

Trauma Resources (from Sandi Cimino, presenter at SEATA)

The Sanford Inspires Program at ASU offers a wealth of free, online resources to teachers.

Steps:

1. Go to <https://sanfordinspire.org/>
2. Create a free account
3. Click on "On Demand Modules" in the toolbar at the top of the page.
4. Scroll through to see all the offerings or search specific terms (like "trauma") in the search box.



The pending *Arizona Department of Education History and Social Science Standards* include economics and financial literacy as one of the four core disciplines, and must be included in all disciplinary skills and processes, across all grades.

If you feel you lack the economics skills, or are rusty, we have TWO online resources for you, both **available here at no charge**.

- The High School Economics & Financial Literacy eTextbook by *Steven Reff*, and his companion interactive material for classroom projection.

These are great references for teachers of all grades across all the social studies, economics, business, and math.

Both are written by **Steven Reff**, retired Tucson high school AP Economics educator and former lecturer in the Economics Department at the University of Arizona. He was also winner of the UA student-selected Five-Star award for best faculty member, among many other awards.

From the Graham County Health Department....

Monthly Workshops

**Location: Graham County Health Department Annex
Building—Upstairs 820 W. Main Street Safford, AZ 85546**

12:00 noon—1:00 p.m.

Bring your lunch and join us for information and education on Dementia/Alzheimer's/Memory Loss.

Southern Arizona Region
Tucson, AZ 85712

1159 North Craycroft
520.322.6601 Alz.org/dsw

April 9, 2019; August 13, 2019

Know the 10 Signs: Early Detection Matters This interactive workshop helps participants to learn the 10 warning signs of Alzheimer's disease and the importance of early detection. We will separate myth from reality and address commonly-held fears about Alzheimer's.

May 14, 2019

Understanding and Responding to Dementia-Related Behavior

Join us to learn to decode behavioral messages, identify common behavior triggers, and learn strategies to help intervene with some of the most common behavioral challenges of Alzheimer's disease. Caregivers./Care partners welcome.

Graham County Health Dept. Chronic Disease Program
820 W. Main St. Safford AZ 85546 **928.792.5368**
lrogers@graham.az.gov

alzheimer's  association

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

National Science Teachers Association conference St. Louis

April 11-14, 2019

<http://s6.goeshow.com/nsta/national/2019/>

Check out the conference page for more information and to register! Early bird deadline is Feb 1 to register. And there is a contest until Dec 21 for free airfare from Southwest Airlines—5 tickets per week will be awarded. <http://nstatravelstl.hscampaigns.com/>

Bring project-based learning to your classroom through the **National Geographic GeoChallenge!** This annual standards-based competition empowers student teams in grades 5-8 to address a critical issue and change the planet, just like a National Geographic Explorer. This year's theme is **Tackling Plastic**. Register today at:

<https://www.nationalgeographic.org/education/programs/geochallenge/>

LESSON OF THE WEEK—3 New Giant Floor Map Activities

Look and Learn: Photographic Study of Arizona by Sheila O'Connor (Grades 3-HS)

In this activity, student will learn about various cities and landmarks found in three geographic regions of Arizona: the plateau, the mountain, and the desert regions. Then the students will locate the regions on table-top versions of the giant Arizona Landscape map or locate the regions on the actual giant map. <http://geoalliance.asu.edu/Look>

The 5 Cs: Where Would You Find 4 (of the 5) Cs of Arizona? By Cheri Stegall (Grades 4-HS)

In this Giant Floor Map activity, students will research 4 (citrus, cotton, cattle, and copper) of the well-known 5Cs of Arizona. Then they will locate the 4Cs on the Giant Floor Map. <http://geoalliance.asu.edu/5Cs>

Arizona and the Colorado River by Cherri Redd (Grades HS)

In this activity, students will learn about the dams and major cities on the Colorado River. They will research why the dams were built and discuss how hydrology plays such a great part in the geography of Arizona. This lesson has strategies for diverse learners (ELLs).

<http://geoalliance.asu.edu/ColoradoMap>

Remember: To borrow the giant AZ floor map, you need to be certified by attending one of AzGA's training workshops

LESSON OF THE WEEK

Grand Canyon: So...What's the Attraction?

Description: In this lesson, students will explore and analyze the influences and effects of a regional image, specifically why Arizona attracts tourists and tourist businesses.

Author: Kathy Tyler Stelten

Grade Range: 6-8

Duration: 1 class period

<https://geoalliance.asu.edu/grandcanyonattraction>

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

STUDENT OPPORTUNITIES

Announcing the 2019 Arizona Online Mapping Competition

Across the U.S., and here in Arizona, students are exploring their world and creating interesting map products using ArcGIS Online. Esri, the nation's leader in GIS software and the creator of ArcGIS Online, is holding a national competition for U.S. students in grades 4-12 that will honor those students who can effectively create and share information about their home states. The winners of the state level of the competition will earn \$100 and be submitted to the national competition. National winners will win a trip to the 2019 Esri Education Conference in San Diego, CA in July of 2019.

The Basics of the State Level of the Competition

- One adult sponsor registers his or her school/organization <https://goo.gl/forms/0tsXp4tM5pxFrDBq1>
- School/organization promotes the competition and supports participants in the creation of story maps or web apps that:
 - Answer an Arizona-based question,
 - Propose a solution to an Arizona-based problem, or
 - Address an Arizona-based issue.
- School/organization collects and judges the maps/apps before May 3, 2019
- School/organization submits up to 5 entries to the Arizona competition by May 3, 2019
- AZ judges select the top 5 HS and top 5 MS (grades 4-8) entries, award \$100 to each winning entry, and enter the 10 state-level winners in the Esri national competition Details on the Arizona competition and resources can be found at: <https://gis.azgeo.az.gov/agic/arcgis-online-school-competition> Details on the national competition can be found at: [ArcGIS Online School Competition 2019](#). Resources that will assist students in this competition can be found at: [web app](#) or [story map](#).

Grand Canyon Back to School Kickoff

Canyon Field School, Grand Canyon Conservancy and Grand Canyon National Park are hosting a "Back to School Kickoff" teacher development weekend from August 2-4, 2019.

Their Friday evening through Sunday seminar includes hands-on lesson plans, free resources, collaboration, opportunities, and strategies for including Grand Canyon in your classroom. Throughout the weekend you will explore the Canyon together with hikes, tours, and learning activities. Accommodations, breakfast, and lunch are provided with the cost of the program. All participants will also receive a Canyon Field School reusable water bottle.

Participant Max: 24

Cost: \$30.00 (AZ educators) \$60.00 (Out-of-state educators)

Educators interested in signing up or learning more should [check out the website!](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Announcing the Arizona Geographic Alliance Summer Geography Institute 2019

7 Day Alliance Summer Geography Institute Focus on Integrating Geography and STEM into your Classroom and Providing for Diverse Learners

June 24-28, July 20, and September 21, 2019

Educator Goals:

- Gain more geographical knowledge and skills
- Learn how to apply research-based strategies for language acquisition and the teaching of ELLs and other diverse learners
- Receive training in the use of robots, drones, interactive games and learn about fabulous websites
- Increase your leadership skills and experience in teaching adults
- Share your expertise with other educators from around the state
- Visit museums and other centers for learning
- Attend an optional Field Study to Southern AZ (Tentatively July 8-12)

Have fun!

Eligibility:

Only 24 teachers will be selected to participate in this professional development opportunity. Participants must be able to attend all sessions that will usually be from 8:30 AM to 5:00 PM each day. The institute is open to teachers from all grade levels but many of the activities will be more appropriate for teachers who have ELLs in their classroom. Participants must be employed as full-time teachers in a classroom. **Deadline to apply, April 19, 2019.**

Location:

Most institute days will be held on the Tempe ASU campus. The location for the September 21, 2019 event will be Scottsdale Community College.

Participants will benefit from receiving:

- 40+ Recertification credits. One to three ASU graduate credits can be arranged at participant's expense.
- A stipend of \$400 provided upon demonstrated understanding of the training experience. ***Opportunities for alternative stipends are available through the STEMSS CRUISE EL Grant Cohort 3, please inquire for more information.***
- Housing for out-of-area/residential participants. To qualify, you must live 40 miles or more from ASU.

Most meals during the event.

Please access and complete the following application.

<https://geoalliance.asu.edu/sites/default/files/Resources/ApplicationSummer2019.pdf>

For more information or to submit your application please contact:

Heather Moll @ Heather.Moll@asu.edu or 480-965-5361

From the Graham County Sheriff's Office....Text a Tip

"The Text a Tip" program allows a citizen to anonymously submit a crime tip to law enforcement in Graham County. This service was started as a combined effort between the Graham County Substance Abuse Coalition and local law enforcement agencies. It is administered by the Graham County Sheriff's Office Communications Division.

How it works:

- ◆ A citizen can text GRAHAMTIP to 79516 and type the message they want to submit.
- ◆ The message is then sent to the Graham County Sheriff's Office Communications Center.
- ◆ The message is sent anonymously so the dispatcher has no way of knowing who sent it.
- ◆ There is no caller ID on your message.
- ◆ The dispatcher will review the tip information and pass it along to the appropriate agency.
- ◆ It can be used to report drugs, gangs, violence, threats, bullying, vandalism, abuse, illegal dumping, etc.

We still encourage those needing to report in-progress emergencies to call 9-1-1.

Further information about the program can be obtained by contacting Sgt. Scott Howell at 928-792-5404 or showell@graham.az.gov.

Governor's Office of Youth, Faith and Family

"Healthy Families, Healthy Youth"

In 2016, Governor Ducey's Office of Youth, Faith and Family started a pilot program to help families avoid with the realities of addiction and the devastating effects on our children. The "Keep Them Safe" program brings 7th graders and their parents together for an evening of education and planning for strategies to face the stressors, risks and pressures presented to our kids on a daily basis. The program started with one school in each county. This year, it has expanded to include 53 districts throughout the state. Based on the early success of the pilot, we believe the program will continue to expand.

Information is available for all families in Arizona, whether they are in the county programs or not.

Please visit **KeepthemSafe.az.gov** to learn more about strategies to keep communication open and to take advantage of "teachable moments" regarding drug abuse and addiction.

Additionally, the following resources are available:

National Council on Alcoholism and Drug Dependence, Inc. - ncadd.org

National Helpline 1-800-662-HELP (4357)

National Institute on Drug Abuse—drugabuse.gov

Substance Abuse and Mental Health Services Administration—samhsa.gov

Who will help
me become
the man
I want to be?



**When you foster a teen,
you won't just change their life...**
they'll change yours forever.

Teens need families. Thousands of teens in foster care are looking for the support and encouragement that families provide — not just until they turn 18.

Help a teen reach their full potential. Become a foster parent.

www.TeensNeedYou.org



1.866.329.2312
www.ArizonasChildren.org
FosterTeens@arizonaschildren.org

In collaboration with:



Grant Funding Alerts *It's never too early to start working on a grant!*

Name: Freeport-McMoRan STEM Innovation Grants

Who: K—12 Teachers, school administrators or parent volunteers/PTA officials

Amount: Up to \$5,000

Deadline: March 15 each year (window: Dec. 1—March 15)

<http://www.freeportinmycommunity.com/schools/stem-grant>

Name: Freeport-McMoRan Mini-Grants for Education (Get ready for the next cycle!)

Who: Teachers, school administrators or parent volunteers/PTA officials

Amount: \$100-\$500

Deadline: October 1, 2019 (window: May 1—Oct.1)

Freeport-McMoRan Employee Engagement Programs

Employee Matching Gifts Program - The Freeport-McMoRan Foundation will match employee contributions of \$25 or more, up to an annual maximum of \$40,000. The first \$1,000 contributed per eligible nonprofit organization (including schools) will be double matched and any amount above \$1,000 will be single matched, subject to the annual maximum.

Employee Volunteer Fund - Freeport-McMoRan is proud to support employees that give their time and effort to help those in need by offering funds to match unpaid volunteer hours served. When an employee volunteers a minimum of 25 hours a year with a nonprofit organization (including schools), the organization is eligible to earn either a \$250 or \$500 grant.

FM Employees may learn more about both programs and access the link to process their requests by visit this webpage: <https://www.freeportinmycommunity.com/employees/employee-engagement-programs>

Support My Club – An e-commerce solution where donors can support the needs of high school clubs and sports. Clubs post their specific needs and donors “shop” for items that speak to them. Items are added to the online cart, donors make a 100% tax-deductible purchase and [Support My Club](#) delivers the item directly to the school!

For every \$100 of value received, the school club completes 1 hour of community service, allowing the receiver to become the giver and the cycle of philanthropy to continue.

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site. Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, DonorsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for support for a classroom project, just go to DonorsChoose.org and start your own account. The Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.

Grant Funding Alerts *It's never too early to start working on a grant!*

STEM-CAN

Deadline: Ongoing STEM-CAN is offering up to \$600 to teachers in **Title I elementary schools in Southern Arizona** looking for support for STEM-related projects and clubs. High Quality Teacher Professional Development Program The Arizona Department of Education is piloting a high quality teacher professional development program. Apply to receive up to \$2,000 in professional development scholarship money over three years. Professional development must support certificated teacher in gaining additional credentials and/or certifications in math, science, technology, engineering or career and technical education. Scholarship applicants must: • Be an Arizona certified teacher with a current contract at an Arizona public school; • Pursue professional development at a regionally or nationally accredited public or private postsecondary educational institution in Arizona; and • Agree to teach in a public school in Arizona for three years after completing the coursework or program. For more information, e-mail the Teacher Professional Development Inbox at TeacherProfessionalDevelopmentScholarship@azed.gov, or call 602-364-1842. Apply online at <http://www.azed.gov/hetl/pd-pilot-program>.

Sharing good news! From Sean Wenham, Freeport-McMoRan

Grant Resources

Freeport-McMoRan Foundation STEM Innovation Grants - Grants up to \$5,000 are awarded to support projects in eligible categories. A school is eligible to receive up to two (2) STEM Innovation grants during each application period. Each applicant / teacher / classroom may receive one grant award per school year. Applicants may be teachers, school administrators or parent volunteers/ PTA officials at public and private schools located in communities where Freeport-McMoRan has a presence and all applications must be submitted through the K-12 school by the **annual application deadline of March 15**. [More info and application link](#).

United Way of Graham & Greenlee Counties – Applications are reviewed every other month by a local committee and education grants generally range from \$1,000 up, depending on the scope of work and impact. Regional educational funding objectives are: Improving school readiness for every child; Supporting efforts to ensure every student reads at grade level – especially by third grade; Increasing student access to quality transitional programs; Supporting community and school district efforts with teacher retention and recruitment; Providing direct support to teachers in the classroom by helping to cultivate innovative learning environments and approaches. The next grant application deadline is March 1st and the new online grant application site is found at: <http://uwggc.com/grants>.

****Please note that Word document grant application packets will no longer be accepted as all grants must be submitted online****

Fundraising & Volunteer Programs

Freeport-McMoRan Employee Engagement Programs Employee Matching Gifts Program - The Freeport-McMoRan Foundation will match employee contributions of \$25 or more, up to an annual maximum of \$40,000. The first \$1,000 contributed per eligible nonprofit organization (including schools) will be double matched and any amount above \$1,000 will be single matched, subject to the annual maximum.

Employee Volunteer Fund - Freeport-McMoRan is proud to support employees that give their time and effort to help those in need by offering funds to match unpaid volunteer hours served. When an employee volunteers a minimum of 25 hours a year with a nonprofit organization (including schools), the organization is eligible to earn either a \$250 or \$500 grant. While we previously utilized documents for Employee Matching Gifts and other programs, those paper forms are no longer accepted. Freeport employees may learn more about programs and find the links to submit requests at:

<https://www.freeportinmycommunity.com/employees/employee-engagement-programs>.

They Did It!

Mini-Grants for Education Update – The October 1 application deadline arrived soon after my September email and I must say *congratulations* to Graham County schools for such great results in the 2018 process! There were more local Mini-Grants applications submitted in 2018 than any year in recent program history, with twelve submitted, and a record number of grants approved for Graham County schools with a total of ten! Job well done by your staff, peers, and volunteers and *thank you* Paulette Leblanc and others who support and encourage the applicants! Here are the ten Mini-Grants awarded in 2018 which have been delivered to your schools:

Jack Daley Primary - \$450 for Vanessa Rubalcava's *1st Grade Classroom Book Listening Center*

Jack Daley Primary - \$500 for Kayla Roderick's *STEM Kits*

Lafe Nelson Elementary - \$675 for Eric Branch's *Environment and Animal Conservation* program

Pima Junior High - \$400 for Ashley Scorse's *They See Color* activity

Pima Unified - \$500 for Stasha Barlow's *Look Up Close* proposal

Pima Unified - \$500 for Daneece Cluff's *Pima High School 3D Printing* program

Pima Unified - \$500 for Mary Cox's *Books for the Library* effort

Safford High School - \$500 for Morgan Rodger's *Anatomy Models* program

Thatcher Elementary - \$500 for Amanda Welker's *SRA Science Laboratory from STEMfinity* proposal

Triumphant Learning Center - \$500 for Stephany Apodaca's *Classroom Library*

Congratulations to everyone who applied for grants which help offset school budgets cuts and enhance learning in our classrooms!

I'm happy to announce that after our grant writing sessions held at the Southeast Arizona Teachers' Academy (SEATA), Graham and Greenlee County teachers were awarded over \$100,000 in grant money!

DonorsChoose has also awarded over \$40,000 to Graham and Greenlee County teachers since 2015.

We are very appreciative of Freeport-McMoRan, the United Way of Graham and Greenlee Counties, DonorsChoose, RAIN, and all other grantors.

Keep up the good work!

Curriculum, Resources, and much more...

LIGO INTERNATIONAL PHYSICS AND ASTRONOMY PROGRAM FOR EDUCATORS

For the second year LIGO will offer its International Physics and Astronomy (IPA) Program for Educators from July 14-20, 2019. The IPA program is an exciting one-week intensive program geared towards high school educators from around the world. Based at the LIGO Hanford Observatory near Richland, Washington, the IPA program offers participants opportunities to discuss with and hear from experts in modern physics and astronomy, tour sites of historic and scientific interest, and engage in classroom activities that they can use in their home institutions. Topics of discussion range from nuclear physics to the emerging fields of gravitational wave and multi-messenger astronomy. The intent of the IPA program is to promote the teaching of modern physics in high schools by providing teachers with the opportunity to deepen their physics knowledge and fuel their passion for physics in an environment where teachers from around the world can exchange knowledge and experience. Applications for the program are open and will close on January 31, 2019. You can learn more about the program and apply at: <https://www.ligo.caltech.edu/WA/page/lho-ipa-pd> If you have any questions feel free to reach out to Amber Strunk, Educational & Outreach Coordinator at LIGO Hanford Observatory at astrunk@caltech.edu

TIME TO BEEF UP SOME CURRICULUM

The American Farm Bureau Foundation received a grant from the Beef Checkoff to write some curriculum centered around cattle ranching. They aim to submit this for an ACHIEVE design badge, one that recognizes excellent use of Next Generation Science Standards. They are currently looking for qualified educators to help us with these materials. Please see the attached description. They have also opened their On the Farm [professional development experience applications](#). These are designed for STEM educators with a limited ag background. Questions: Julia Recko | juliad@fb.org

NATIONAL STEM SCHOLARS – APPLY NOW

The National Stem Cell Foundation (NSCF) partners with The Carol Martin Gatton Academy of Science and Mathematics and The Center for Gifted Studies at Western Kentucky University (WKU) to fund ten scholarships each year for **middle school science teachers** working to transfer a passion for science to students in this age group. Research shows that students who get excited about STEM subjects in middle school are the ones who are most likely to take those courses in high school and major in them at the college level. National STEM Scholars receive advanced education in the development of STEM projects for classroom implementation, spend a full day with a national thought leader in STEM education and build a national network of colleagues for information sharing. Scholars are selected based solely on the merit of questions answered in the application.

The selection committee is not provided with names or locations of teacher applicants. In 2019, we will graduate our fourth cohort of National STEM Scholars. Each scholarship recipient receives the following: Advanced education and leadership training on the campus of WKU June 2-8, 2019. **All expenses – travel, lodging, meals – are included** ASTA gratefully acknowledges support from the following organizations: • A notebook/tablet (Chromebook or similar) to facilitate ongoing collaboration • A credit of up to \$2,500 for technology and supplies to implement a classroom Challenge Project • Sponsored attendance at the National Science Teacher Association (NSTA) Conference in Boston in April 2020. All expenses – registration, travel, lodging, meals – are included • Year-long mentorship and support provided by Western Kentucky University faculty Applications are open now at <https://www.wku.edu/gifted/nss/>.

Curriculum, Resources, and much more...

INTEL INTERNATIONAL SCIENCE & ENGINEERING FAIR (ISEF) COMING TO ARIZONA! You can be involved in Intel ISEF! Intel ISEF is coming to Arizona in May, 2019! Intel ISEF (a program of Society for Science & the Public), is the world's largest international pre-college science competition. Each year, approximately 1,800 high school students from more than 75 countries, regions, and territories are awarded the opportunity to showcase their independent research and compete for on average \$4 million in prizes. The fair will be held in the Phoenix Convention Center May 12-17, 2019 and there are lots of great ways to get involved – volunteer to interpret, general volunteer or judge For more information and to register, visit <https://student.societyforscience.org/volunteer2019> Please send any questions to isefvolunteer@societyforscience.org

Science Experiments [@WonderHowTo.com](http://WonderHowTo.com)

WonderHowTo.com—a one-stop shop for answers to how-to questions and guides on everything from the latest phones to scientific discoveries—has a collection of attention-grabbing How-to Science Experiments appropriate for middle, high school, and undergraduate audiences. The mostly physical-science experiments feature how-to videos and links to instructional guides, and they can be used in the classroom as demonstrations or as inspiration for science fair projects. Selected titles include Five Easy Recipes for Goopy Homemade Ooze; Make a Compass with a Magnet and Cutting Board; Use Baby Powder to Reveal Latent Fingerprints; Build a Reed Instrument from a Drinking Straw; Turn Milk into Natural Glue with Baking Soda and Vinegar; Make This Amazing Nine-Layer Density Tower From Things Found in Your Kitchen; and many others.

AZ COMPUTER SCIENCE PD WEEK, ASU - JUNE 17-21, 2019

Through AZ CSPDWeek, CSTA-AZ will work with Computer Science Teachers Association (CSTA), Computer Science for Arizona (CSforAZ) task-force, and Arizona Department of Education to implement a week of professional development.

This week of training for K-12 educators will bring together a group of CS Professional Development (PD) providers with engaging, relevant, and standards-aligned content, much of which is built on research supported by the National Science Foundation.

There will also be one day dedicated to school counselors with National Center for Women and Information Technology (NCWIT).

Following this week of summer PD, the educators will continue to collaborate and build resources through an ongoing community of practice that will build a strong, teacher-led, computer science movement within the region.

Where: ASU College of Engineering, Tempe, AZ

When: June 17-21, 2019

Who: K-12 educators - with or without CS experience

Cost: \$30

Some of the offerings include: Google CSFirst, Project GUTS (for science teachers), CSDiscoveries, Mobile CSP, CSPrinciples, Java, and more